

Weekly Metrics for May 30 – June 5, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote	
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC GES DAAC	0.9 0.9	1x Baseline 1x Baseline	1.0 1.0	D A, D	
ICESat (1/03)	GLAS	L0 Ingest L1 Prod L2-3 Prod Archive Distribution <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC NSIDC NSIDC NSIDC	41 115 43 199 166	1x Baseline 1x Baseline 1x Baseline Various	34 0 0 34 4 3	H G, N R	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest L1 Prod L2 - 3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End users</i> <i>Data Pool</i>	GES DAAC GES DAAC GES DAAC GES DAAC GES DAAC	98 1,211 213 1,522 99 471	1x Baseline Various 3.045x Baseline Various Various	89 1,008 214 1,311 225 243 40 47	 G, N R	
		AMSR-E L0 Ingest L1 Ingest L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	NSIDC NSIDC GHRC NSIDC NSIDC	10 28 77 114 35	1x Baseline Various 3.045x Baseline Baseline 1.015x Baseline	6 7 29 43 38 318 42	B B C C G, N R	
		CERES Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	496 1,421 109	Various IT Requirements 1.015x Baseline	TBD TBD TBD	 See Footnote Q	
		MODIS L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>End User</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>End User</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC GES DAAC NSIDC	518 7,569 12,789 7,034 12,989 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various Various Various IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	497 12,846 11,330 9,164 15,022 488 2 962 1 1,133 12,166 2,106 137 <0.1 0	 L, P L, P P G, N R G, N R G, N R	
				METEOR 3M (12/01)	SAGE III Archive Distribution <i>Production</i> <i>End Users</i>	ASDC ASDC	0.9 0.02	Various 1.015x Baseline

ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	294	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	79	E
		L1B Archive	LP DAAC	271	1.015x Baseline	80	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	199	E
		Archive	LP DAAC	2,173	Various	576	E
		Distribution	LP DAAC				
		<i>Production</i>				181	
		<i>End Users</i>		1,221	1.015x Baseline	239	G, N
		<i>Data Pool</i>				12	R
	CERES	Archive	ASDC	357	Various	TBD	See Footnote Q
		Distribution	ASDC	1,421	IT Requirements	TBD	
		<i>Testing/QA</i>		119	1.015x Baseline	TBD	
	MISR	L0 Ingest	ASDC	249	1x Baseline	253	
		L1 Prod	ASDC	3,359	Various	1,649	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	162	F
		Archive	ASDC	3,894	Various	2,064	F
		Distribution	ASDC				
		<i>Testing/QA</i>		137	IT Requirements	127	
		<i>Production</i>				835	
		<i>End Users</i>		1,215	1.015x Baseline	941	G, N
		<i>Data Pool</i>				20	R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	503	
		L1 Prod	GES DAAC	7,570	Various	2,421	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,876	L, M, P
		Archive	LP DAAC	7,034	Various (L2-L4)	2,183	M, P
			GES DAAC	12,990	Various (L0-L4)	3,512	L, M, P
			NSIDC	853	Various (L2-L3)	109	M, P
		Distribution	LP DAAC				
		<i>Testing/QA</i>		23	IT Requirements	0	
		<i>End Users</i>		2,345	1.015x Baseline	2,252	G, N
		<i>Data Pool</i>				50	R
		Distribution	GES DAAC				
		<i>Testing/QA</i>		362	IT Requirements	662	
		<i>Production</i>				3,513	
		<i>End users</i>		4,157	1.015x Baseline	3,456	G, N
		<i>Data Pool</i>				88	R
		Distribution	NSIDC				
		<i>End Users</i>		284	1.015x Baseline	27	G, N
		<i>Data Pool</i>				0	R
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	I
		L2 Prod	SIPS	2	3.045x Baseline	0	I
		Archive	ASDC	6	Various	2	I
		Distribution	ASDC				
		<i>Production</i>				2	
		<i>End Users</i>		1	1.015x Baseline	4	G, N
		<i>Data Pool</i>				0.2	R
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			1	O
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			8	
		Distribution	PO DAAC	NA	NA	31	J
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			80	
		Distribution	PO DAAC	109	Weekly Average	338	J
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	46	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	5 48	K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process. L1 products are processed in Japan and sent to the US.
- C. Includes forward processing for May 22 - 28 and reprocessing for 14 data dates in September 2002.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June 2003, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. System degradation due to scheduled maintenance and the promotion of ECS Release 7 to OPS for 2 days (June 2 – 3).
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Since November 19, 2003, GLAS laser operates during intermittent observing periods to conserve laser power. Only the raw data product is delivered on a daily basis to the DAAC.
- I. Archival volumes for MOPII L1-L2 at LaRC products are dependent on MOPITT SIPS production schedule.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. Actual volume does not include the MODIS ocean color products processed at SeaDAS (SeaWIFS Data Analysis System).
- M. Very little or no reprocessing of MODIS products was done.
- N. Does not include the distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. No information is available.
- R. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.